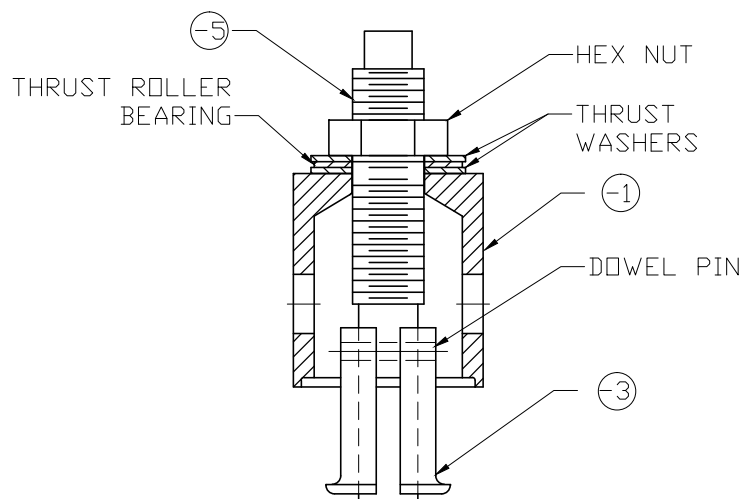
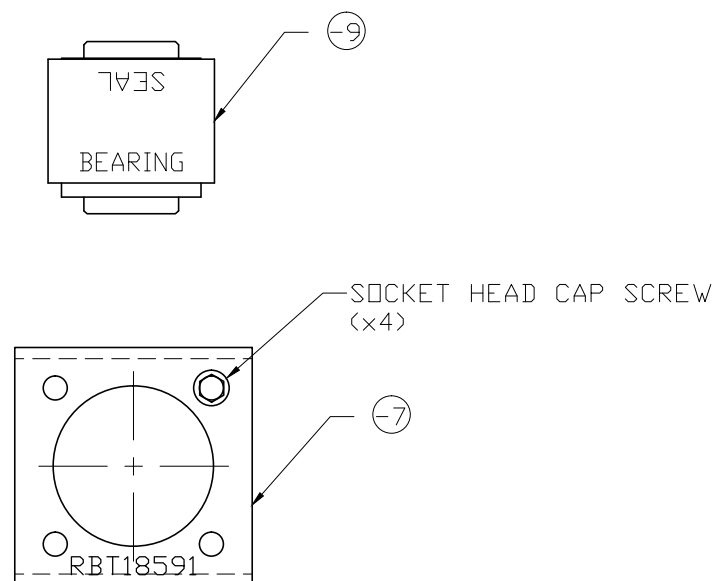


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REVISIONS					
REV	DESCRIPTION	DATE	INITIAL	APPROVED	
1	ADDED CHAMFER TO -3 CORNERS, CHANGED O.D. FROM $\phi 1.300$ & BOTTOM RADIUS FROM .09, ALSO CHANGED -5 BOTTOM TOLERANCE FROM $\phi .625$ TO $\phi .615$	3/26/08	WP	G.E.	
2	ADDED (x2) TO -9 DIAMETERS & UPDATED SECTION VIEW MISSING LINES	4/29/09	RJC	RW	
2A	ADDED INSTRUCTIONS PER R.W.	2/17/10	RJC	RW	
2B	ADDED -9 DETAIL A TO CLARIFY LIP ON SEAL END OF INSTALL TOOL PER G.E. PUT ALL PARTS ON SEPARATE PAGES.	4/22/09	RJC	GE	



THIS ASSY. VIEW FOR REFERENCE ONLY, SHIP UNASSEMBLED.



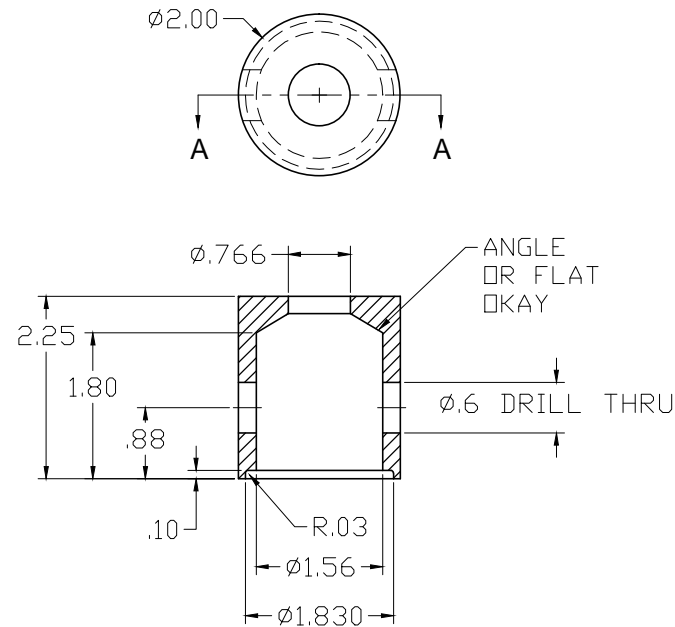
#### NOTE

1. USED ON P/N 212-011-709-101, 212-011-716-001, 212-011-729-101 HOUSING ASSY'S

ASSY QTY	ASSY QTY	B/D	PART #	UNIT QTY	DESCRIPTION	MAT.	B/D INFORMATION OR SPECIFICATIONS	Pg.	RED BARN MACHINE			
			-1	1	BASE	STRESS PROOF	$\phi 2 \times 2-3/8$	2	TITLE BEARING PULLER ASSY.			
			-3	1 pr	PULLER TEETH	4140 or 41L40	$\phi 1-3/8 \times 1-3/4$	3	DWG NO. RBT18591			
			-5	1	PULLER ROD	B7 ALL - THREAD	$\phi 3/4-16 \text{ NF} \times 4-7/8$	4	REV 2B			
			-7	1	VICE FIXTURE	ALUMINUM	$2-1/2 \times 2-1/2 \times 3/4$	5	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
			-9	1	INSTALL TOOL	STRESS PROOF	$\phi 1.75 \times 2$	6	TOLERANCES ON:			
	BO			1	DOWEL PIN		$\phi 3/16 \times 1-1/4 \text{ TO } 1-3/8 \text{ LONG}$	1	DECIMALS .XXX $\pm .005$ FRACTIONS $\pm 1/32$			
	BO			1	THRUST ROLLER BEARING		$3/4 \text{ NTA-1220 OR EQUIV.}$	1	XX $\pm .01$ ANGLES $\pm 5^\circ$			
	BO			2	THRUST WASHERS		$3/4 \text{ TRA-1220 OR EQUIV.}$	1	X $\pm .1$			
	BO			1	TALL HEX NUT		$3/4-16 \text{ NF BLACK OR PLAIN}$	1	UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 $\times 45^\circ$ PR .015 R			
	BO			4	SOCKET HEAD CAP SCREWS		$1/4-20 \times 1/2 \text{ BLACK}$	1	2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
	ASSY #	BO		1	PISTOL CASE		RSR SPORTS #10137	N/S	SCALE NTS DATE 1/25/02 SHEET 1 of 7			

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



DETAIL A

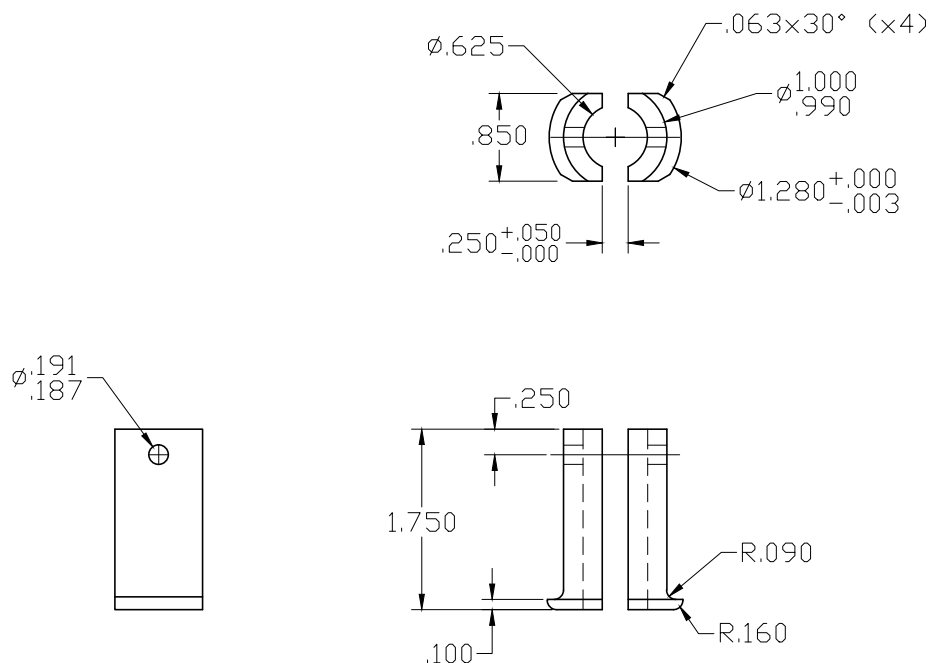
①

BASE

 <b>RED BARN MACHINE</b>	
<b>TITLE</b> BEARING PULLER	
<b>DWG NO.</b> RBT18591-1	<b>REV</b> 2B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	<b>DRAWN BY:</b> COLE <b>APPROVED</b> <i>D Weil</i> <b>HEAT TREAT</b> <b>FINISH</b> BLACK OXIDE <b>USED ON MODEL</b>
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 × 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	<b>BELL 212</b> <b>SEE NOTE #1</b>
<b>SCALE</b> NTS	<b>DATE</b> 1/30/01 <b>SHEET</b> 2 of 7

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED CHAMFER TO -3 CORNERS, CHANGED O.D. FROM $\phi 1.300$ & BOTTOM RADIUS FROM .09.	3/26/08	WP	G.E.



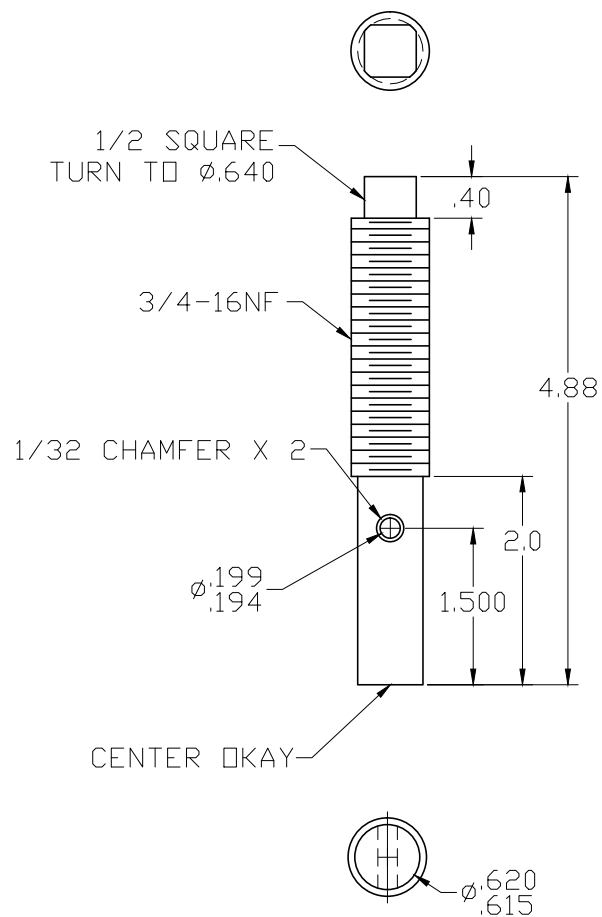
③

PULLER TEETH

<b>RED BARN MACHINE</b>	
TITLE BEARING PULLER - FIXTURE	
DWG NO. RBT18591-3	REV 2B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX $\pm .005$ .XX $\pm .01$ .X $\pm .1$	DRAWN BY: COLE APPROVED: <i>D. Weil</i> HEAT: RC 32-42 FINISH: BLACK OXIDE SPEC: USED ON MODEL
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 $\times 45^\circ$ PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 212 SEE NOTE #1
SCALE NTS	DATE 1/25/02
SHEET 3 of 7	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D -5 BOTTOM TOLERANCE FROM $\phi.625$ TO $\phi.615$ .	3/26/08	WP	GE



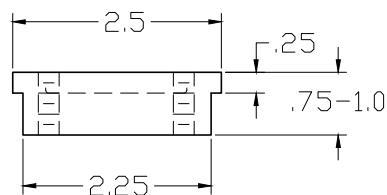
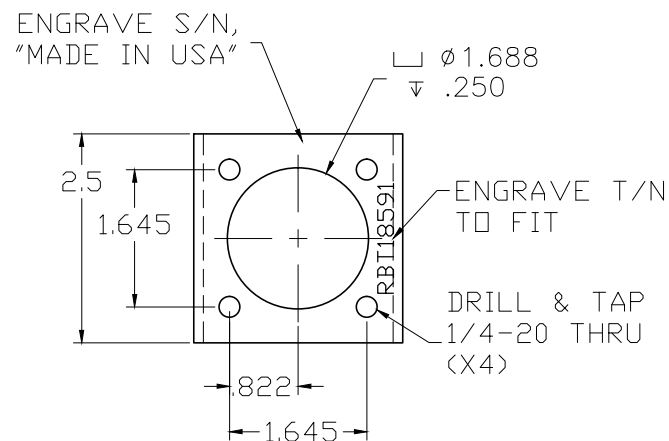
-5

PULLER ROD

RED BARN MACHINE	
TITLE BEARING PULLER - FIXTURE	
DWG NO. RBT18591-5	REV 2B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX $\pm .005$ .XX $\pm .01$ .X $\pm .1$	DRAWN BY: COLE APPROVED: <i>D Weil</i> HEAT: RC 32-42 FINISH: BLACK OXIDE SPEC: USED ON MODEL BELL 212 SEE NOTE #1
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 $\times$ 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE: NTS
DATE: 1/25/02	SHEET: 4 of 7

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



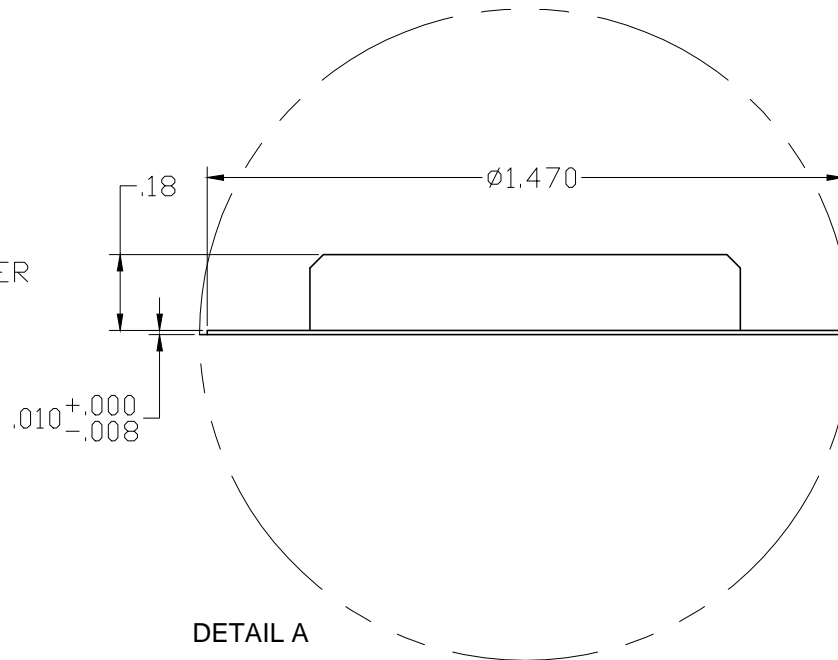
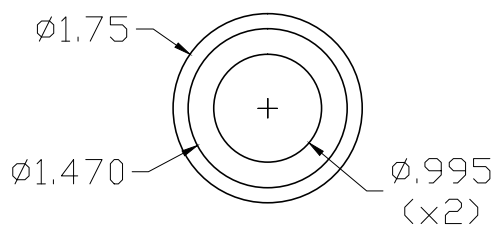
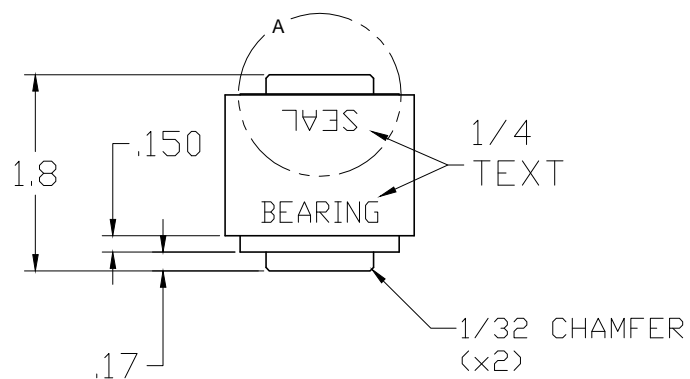
⑦

VICE FIXTURE

<b>RED BARN MACHINE</b>	
TITLE BEARING PULLER - FIXTURE	
DWG NO. RBT18591-7	REV 2B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX $\pm .005$ .XX $\pm .01$ .X $\pm .1$	DRAWN BY: COLE APPROVED: <i>D. Weil</i> HEAT TREAT FINISH ANODIZE BLACK SPEC
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 $\times$ 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 212 SEE NOTE #1
SCALE NTS	DATE 1/25/02
SHEET 5 of 7	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
2	ADDED (x2) TO -9 DIAMETERS, & UPDATED SECTION VIEW MISSING LINES.	4/22/09	WP	RW
2B	ADDED -9 DETAIL A TO CLARIFY LIP ON SEAL END OF INSTALL TOOL PER G.E.	4/22/09	RJC	GE

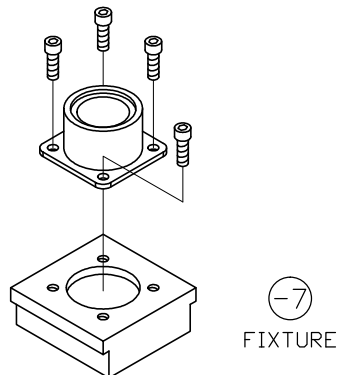


-9

INSTALL TOOL

RED BARN MACHINE	
TITLE BEARING PULLER - FIXTURE	
DWG NO. RBT18591-9	REV 2B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX $\pm .005$ .XX $\pm .01$ .X $\pm .1$	DRAWN BY: COLE APPROVED: <i>D. Weil</i> HEAT TREAT FINISH BLACK OXIDE SPEC USED ON MODEL BELL 212 SEE NOTE #1
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 $\times$ 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE NTS DATE 1/25/02 SHEET 6 of 7

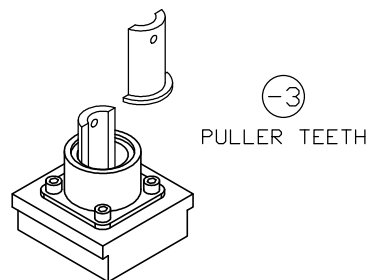
1



Use cap screws to fasten bearing housing assembly to -7 Fixture. Grip fixture in vise.

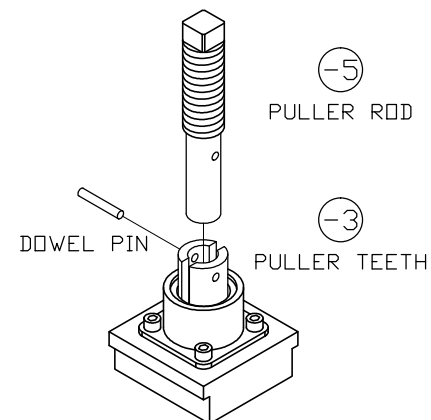
2

**RED BARN MACHINE**  
190 South Danebo Ave  
Eugene, Oregon 97402  
(541) 344-9953; Fax 344-3863  
E-mail: sales@redbarn.net



Place -3 Puller Teeth into bearing one at a time and slide foot of each -3 Puller Tooth underneath bearing.

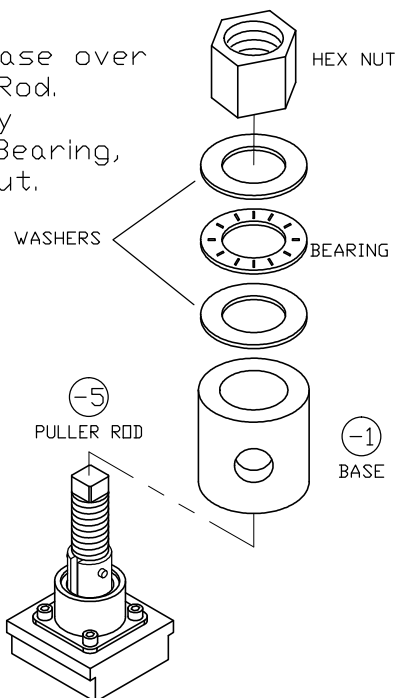
3



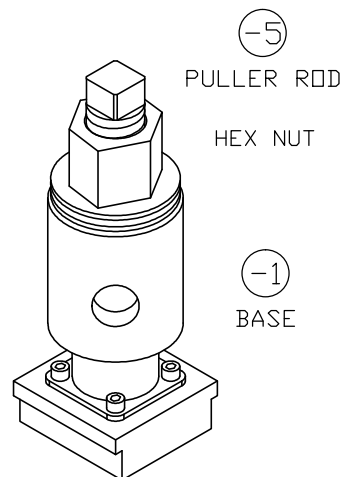
Slide -5 Puller Rod between -3 Puller Teeth and pin together with Dowel Pin.

4

Place -1 Base over -5 Puller Rod. Followed by Washers, Bearing, and Hex Nut.

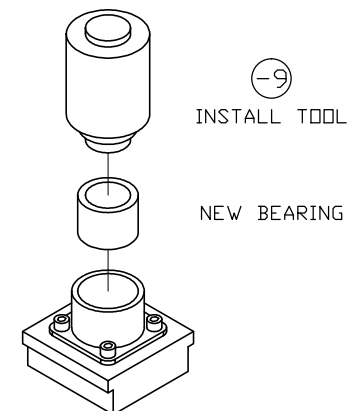


5



Gradually tighten Hex Nut to pull bearing while holding -5 Puller Rod with a 1/2 wrench to prevent rotation.

6



Press in new bearing using bearing end of -9 Install tool. Press in seal using seal end of -9 Install tool.

**RED BARN MACHINE**

TITLE

BEARING PULLER ASSY.

DWG NO.

RBT18591

SHEET 7 of 7  
CUSTOMER 1 of 1